

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UTILITY PATENT APPLICATION TRANSMITTAL

FIRST NAMED INVENTOR OR APPLICATION IDENTIFIER: Sameh Sowelam et al.

TITLE: REAL-TIME OPTIMIZATION OF RIGHT TO LEFT VENTRICULAR TIMING SEQUENCE IN BI-VENTRICULAR PACING OF HEART FAILURE PATIENTS

CERTIFICATE UNDER 37 CFR §1.10: I hereby certify that this Utility Patent Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service, in an envelope addressed to: Box Patent Application, Commissioner of Patents, Washington, D.C. 20231, "EXPRESS No. EV 323 973 158, on this 12<sup>th</sup> day of March, 2004.

PAUL H. MCDOALL

Printed Name

Signature

Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

X Patent Application Transmittal

X Specification:

Total pages: 31 (Spec.: 31 sheets - Written Description 20 sheets; Claims 9; Abstract 1; Cover sheet 1)

X Drawings:

Total sheets: 6

☐ formal ☒ informal☒ Combined Declaration and Power of Attorney:☒ unexecuted☐ copy from prior application☐ Deletion of Inventor(s) - Signed statement attached deleting inventor(s) named in the prior application (37 CFR 1.63(d)(2) and 1.33(b))☐ Incorporation by Reference - The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied above is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

X Accompanying application parts:

☐ Notification of filing a☐ Assignment of the Invention to Medtronic, Inc.☐ Assignment cover sheet☐ Information Disclosure Statement☐ PTO Form 1449☐ Copies of IDS citations☐ Preliminary Amendment☐ A copy of the Petition or Conditional Petition for Extension of Time in the prior application.

X Return Postcard

## IF A CONTINUING APPLICATION:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. .☐ Amend the specification by inserting before the first line the sentence: --This application is a of application Serial No. , filed , now allowed.--☐ Cancel in this application original claims \_\_\_\_ of the prior application before calculating the filing fee. (At least the original independent claim must be retained for filing purposes.)☐ The prior application is assigned of record to Medtronic, Inc.☐ The Power of Attorney in the prior application is to: \_\_.

☐ This application claims the benefit of U.S. Provisional Application(s) Serial No.(s) \_\_\_\_\_, filed \_\_\_\_\_.

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FEE CALCULATION	No. of Claims Filed	Claims Included in Base Fee	No. of Extra Claims	Rate	Fee
Total Claims	47	20 =	27	x 18	\$486.00
Independent Claims		3 =		x 84	\$0
Multiple Dependent Claims			0	+ 280	
Basic Filing Fee					\$750.00
TOTAL					\$1236.00

☒ Charge Deposit Account No. 13-2546 in the amount of **\$1,236.00** for the filing fee and assignment recordation fee of \$40.00.

☒ The Commissioner is hereby authorized to charge any fees which may be required under 37 CFR 1.16 and 1.17, or credit any overpayment to Deposit Account No. 13-2546. A duplicate of this transmittal is enclosed.

Date

12 March 04



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